

The line will undoubtedly remain in service after closure of the C.V. Spur.

The railroad loop within the C.V. Spur is owned by Beaver Creek Coal Company. It consists of a single set of tracks slightly elevated (3') above natural ground. This rail serves as a loop for the unit trains to travel head-first into the silo, eliminating the need for engine switching. The loop is 8,340 feet long. This rail line will be used and maintained throughout the C.V. Spur operational life.

Grades and typical cross-section of the rail loop are shown on Plate 3-5, "Railroad Facilities".

3.2.5.3 Conveyors

There are **eighteen (18)** separate, permanent conveyor runs at the C.V. Spur (see Figure 3-7). In addition, there are temporary, portable conveyors used on the site. The number and location of the temporary conveyors varies according to need.

Conveyor #1 - 36" x 250' long stacking conveyor from the truck dump to the raw coal stacking tube.

Conveyor #1a - 36" x 250' long stacking tube conveyor from the above raw coal stacking tube to a new steel stacking tube. (Appendix 3-8 BC-01)

Conveyor #1b - 36" x 233' conveyor from new stacking tube area to wash plant. (Appendix 3-8 BC-02)

Conveyor #1c - 36" x 130' stacking conveyor from wash plant to clean coal pile on north side. (Appendix 3-8 BC-05)

Conveyor #1d - 36" x 200' conveyor for -1/4" coal from wash plant to raw coal pile to west. (Appendix 3-8 BC-03)

Conveyor #1e - 36" x 101' conveyor to carry refuse from the wash plant to the refuse bin. (Appendix 3-8 BC-04)

File in:

☐ Confidential

☐ Shelf

☒ Expandable

Refer to Record No. 0009

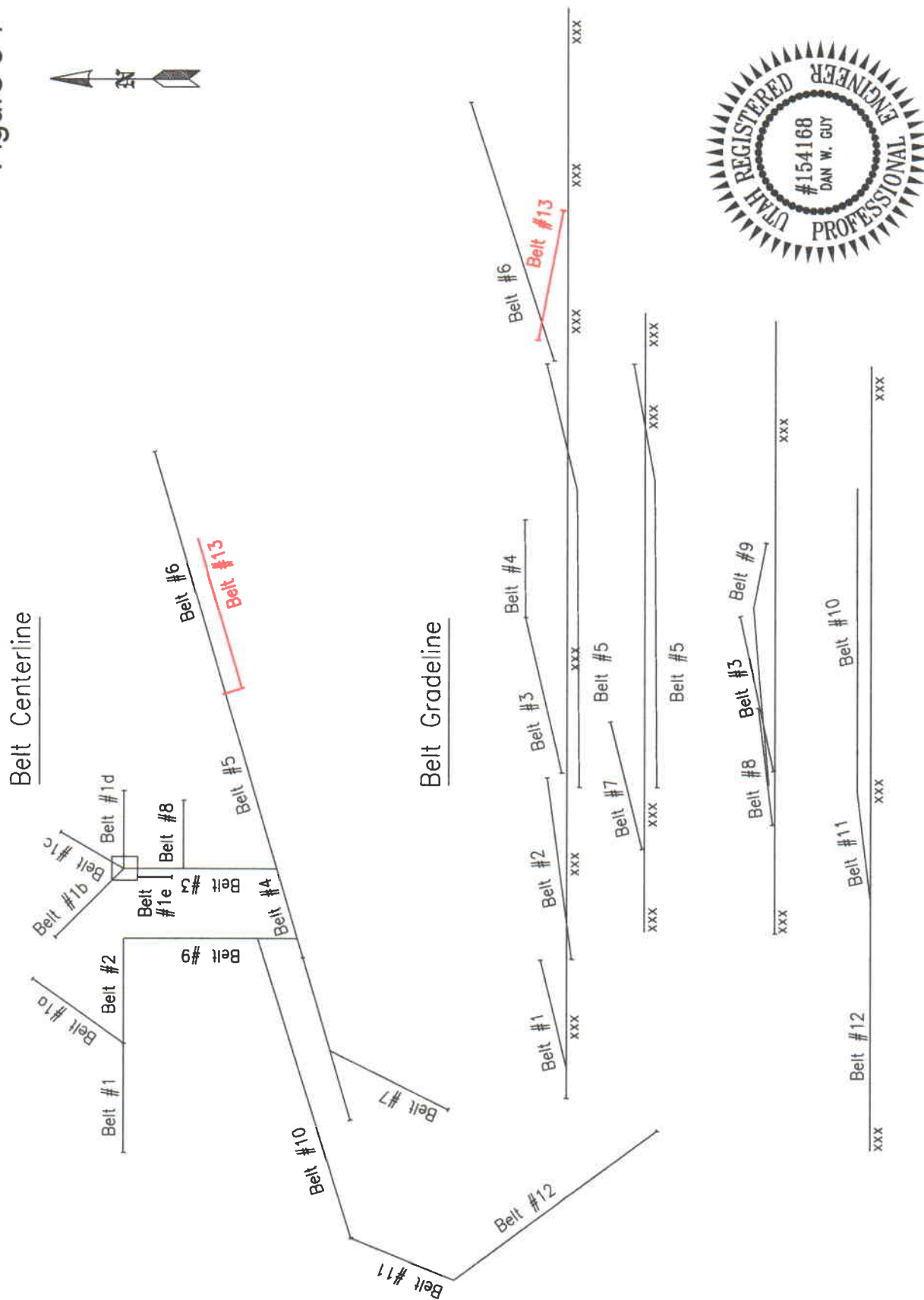
Date 7/19/07

In C/ 007/022, 2007

For additional information

Incoming

Figure 3-7



Savage Coal Terminal Centerline and Grade of Belts

C.V. Spur 1"=300' July 2007

Conveyor #2 - 36' x 300' reclaim conveyor from raw coal pile to conveyor #9.

Conveyor(s)#3-(2) 36" x 365' clean fine and coarse coal conveyors from the plant to the clean coal stacking tube.

Conveyor #4 - 36" x 225' clean fine coal transfer conveyor from coarse coal stacking tube to fine coal stacking tube.

Conveyor #5 - 48" x 600' clean coal reclaim conveyor from clean coal piles to transfer in loadout sample building.

Conveyor #6 - 48" x 660' loading conveyor from transfer point in sample building to 10,000 ton silo.

Conveyor #7 - This conveyor is 36" x approximately 350' and runs from the new truck dump to a crushed coal stacking tube.

Conveyor #8 - 42" x 150' conveyor from the new truck dump to the twin 36" conveyors described in #3 above.

Conveyor #9 - 48" x 440' conveyor from the plant feed belt to the clean coal stacking tube area.

Conveyor #10 - 48" x 728' elevated conveyor from truck loop storage area to conveyor #9.

Conveyor #11 - 48" x 246' feed conveyor from the truck loop storage area to conveyor #10.

Conveyor #12 - 48" x 564' surface transfer system to move coal from the track loop storage area to conveyors #10 and #11.

Conveyor #13 - 48" x 375' feed conveyor from storage area to silo feed conveyor #6.

Grade of all conveyors are shown on Figure 3-7, "Conveyors - Loadout & Grades". All surface conveyors are covered and equipped with walkways. All conveyors will be used throughout the C.V. Spur operational life.

APPENDIX 3-9

Silo Belt Feed Conveyor

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Appendix 3-9 Silo Belt Feed Conveyor

1. Introduction:

This appendix will provide design details and reclamation cost estimate for the proposed new feed conveyor for the silo loadout belt.

This conveyor is simply a replacement of existing portable conveyors presently in use at this location.

2. Specifications:

This is a 48" wide x 375' long conveyor system which will replace the temporary, portable system presently in use. This conveyor will feed coal from the storage area southeast of the sample house to the main loadout conveyor to the silo.

The tail piece and drive will be mounted on 3 - 8' x 8' x 2' concrete pads. The conveyor will consist of pre-assembled sections with legs supported on concrete pads on the sections. Pad details are shown on the attached drawing A 3-9-1.

3. Reclamation Cost Estimate:

A. Introduction :

Reclamation cost estimate for the proposed new conveyor is based on those used in Appendix 3-5 - "Reclamation Cost Estimate" updated in August 2006. Demolition and Labor costs are based on the latest figures provided by the Division. No additional costs are estimated for earthwork or revegetation for this area, since these costs are included with the overall reclamation estimate in Appendix 3-5.

B. Procedure :

The only additional reclamation cost included on this area will be the removal of the conveyor and demolition/disposal of the concrete. The proposed reclamation will include removal and transport of steel structures. Concrete will be broken up and placed in the Sediment Pond No. 5 during final reclamation.

C. Calculations :

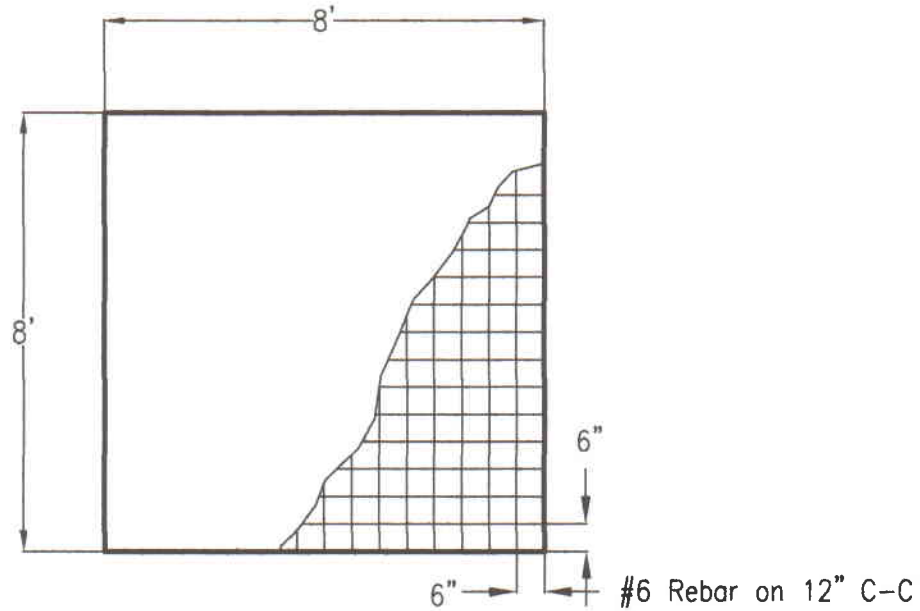
<u>Structure</u>	<u>Item</u>	<u>Size</u>	<u>Disposal</u>	<u>Cost/Unit</u>	<u>Cost</u>
Silo Feed Conveyor	Steel	375'x5'x5'	Haul	\$ 0.25/CF	\$ 2343.75
	Concrete	14.22 CY	On-site	\$ 21.05/CY	\$ 299.33
Demolition	Foreman	8 hours	On-site	\$ 55.45/MN	\$ 443.60
Total:					\$ 3086.68

D. Summary :

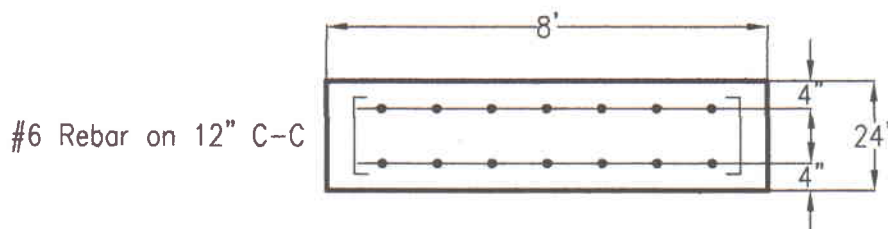
The total projected reclamation cost for the proposed new feed conveyor is \$ 3,086.68. The Savage Coal Terminal is presently bonded for a total of \$2,525,000 in 2007 dollars. The required bond for reclamation is \$2,412,000. This proposed addition, along with the stacking tube and settling ponds, would raise the required bond amount to \$2,415,087, which is still \$109,913 less than the bond posted for the site.

TYPICAL CONCRETE PAD FOR CONVEYOR

DRAWING A-3-9-1



PLAN VIEW



SECTION VIEW

NOTE:

Conveyor Installation will have 3 of the above sized pads.

